

REMARKS

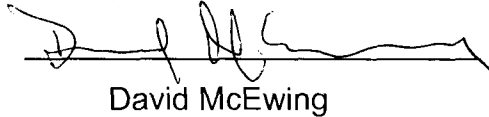
Based upon the substance of the inventor's comments, Dr. Hesham Morsi, it is believed that the previous offered claims did not provide adequate description of the unique conditions for the placement and operation of grafts with the intra cranial region. This deficiency is believed cured by the amendments to claims 1, 22, 33, 38 and 42. The amendments clarify that the graft is used in the cerebral blood supply system, which is an environment significantly different than the environment of the cardiovascular system.

Included in the differing environments are the size of the cranial vessel, the vessel wall thickness, the shape of the vessels and the rate of blood flow through the vessels. As explained in the interview, the cranial vessels are much smaller than many vessels of the heart and aorta. An aorta is a relatively straight tube in contrast to the tortuous and tapering shape of the cranial vessels. The flow within the aorta is very rapid. The flow in the cranial vessels is comparatively slow, which predisposes the vessels to clotting.

Discussed was the flexibility of the graft permitted by the circumferentially oriented fused junctures. These are considered bending areas of the graft and do not form kinks. Related to the fused junctures are the inelastic web reinforcements which are constructed in the fluid chambers adjacent to the fused junctures. The length of the web reinforcement tapers proximate to the juncture. Further, the claims make clear that the shape and dimensions of the graft can be designed for compatibility with the complex shape of the vessel, including the need for side fenestrations. (See claims 34 through 37.)

Claim 2, 3, 43, 44, 48, 49, 53 and 54 have been cancelled. Numerous other amendments have been made to achieve uniform terminology. No new matter has been added. It is believed the claims are now in order for allowance and such action is respectfully requested.

Respectfully Submitted,

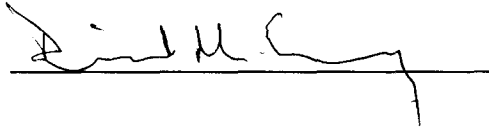


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CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being electronically transmitted to the US Patent & Trademark Office on November 12, 2007.



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